

# Converting Colors

$Yxy(94.8478, 0.3224, 0.3422)$

Have a look what the booklet for  
Yxy(94.8478, 0.3224, 0.3422)  
contains.

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# **Color**

**Yxy(95.1228, 0.3223, 0.3427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFAEC
RGB	252, 250, 236
RGB Percent	99%, 98%, 93%
CMY	0.0119, 0.0195, 0.0746
CMYK	0.00, 0.01, 0.06, 0.01
HSL	53°, 73%, 96%
HSV	53°, 6%, 99%
XYZ	89.4604, 95.1228, 92.9855
YIQ	249.0020, 5.6860, -3.9300

# Conversions

## Conversions Part 2

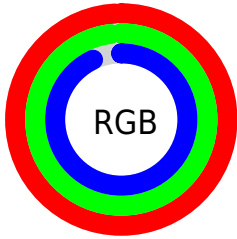
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 252, 236
Decimal	16579308
CIE Lab	98.08, -1.73, 6.94
CIE LCh	98, 7.156, 103.990
Yxy	95.1228, 0.3223, 0.3427
Android (android.graphics.Color)	4294769388 (0xFFFCFAEC)
YUV	249.0020, -6.4100, 2.6292
Hunter-Lab	97.5309, -6.9497, 11.7448

# Details

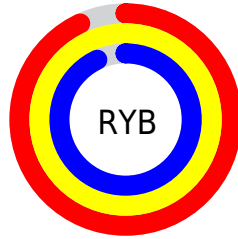
The Yxy color 95.1228, 0.3223, 0.3427 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.9671, 0.3030, 0.3149, and the grayscale version is 94.7820, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4810, 0.3241, 0.3464 is the 20% darker color. If you saturate the color by 10%, you get 91.8652, 0.3381, 0.3650, and if you desaturate by 10%, it is 98.2223, 0.3109, 0.3272.

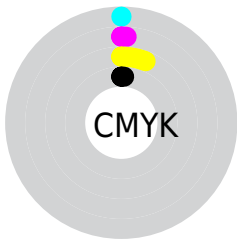
# Distribution



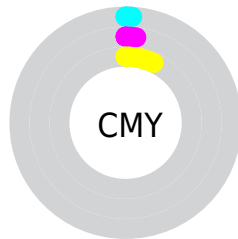
- Red (99%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (1%)




- Cyan (1%)
- Magenta (2%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1228, 0.3223, 0.3427 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 95.1228, 0.3223, 0.3427 by changing the saturation by 10% instead.




 95.1228, 0.3223,  
0.3427

 95.1228, 0.3223,  
0.3427


544.5580, 0.3181,  
0.3366

 72.2372, 0.3232,  
0.3440

154.4342, 0.3209,  
0.3406

 53.3525, 0.3243,  
0.3456


191.6289, 0.3203,  
0.3398

 38.0842, 0.3257,  
0.3476

234.3619, 0.3198,  
0.3391

 26.0481, 0.3274,  
0.3502

283.0179, 0.3194,  
0.3385

 16.8596, 0.3297,  
0.3535

337.9811, 0.3190,  
0.3380

 10.1344, 0.3328,  
0.3581

399.6359, 0.3187,

 5.4882, 0.3373,

0.3375

0.3648

468.3667, 0.3184,  
0.3370

■ 2.5364, 0.3443,  
0.3754

■ 0.8948, 0.3687,  
0.4082

■ 95.1228, 0.3223,  
0.3427

■ 95.1228, 0.3223,  
0.3427

■ 91.8652, 0.3381,  
0.3650

■ 98.2223, 0.3109,  
0.3272

■ 88.8325, 0.3546,  
0.3876

■ 99.4302, 0.3108,  
0.3290

■ 86.0197, 0.3712,  
0.4099

■ 83.4165, 0.3875,  
0.4310

■ 81.0121, 0.4028,  
0.4498

■ 78.7942, 0.4163,  
0.4653

■ 76.7490, 0.4275,  
0.4768

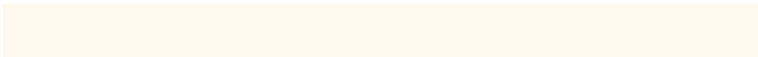
■ 74.8605, 0.4359,  
0.4837

■ 73.1086, 0.4415,  
0.4862

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1228, 0.3271, 0.3401



95.1228, 0.3223, 0.3427



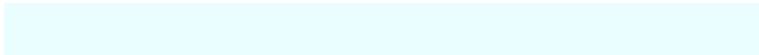
95.1228, 0.3149, 0.3416

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1228, 0.3223, 0.3427



95.1228, 0.2976, 0.3232



95.1228, 0.3183, 0.3212

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.1228, 0.3223, 0.3427



85.9671, 0.3030, 0.3149

# Split Complementary

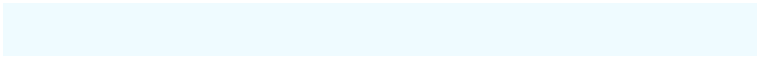
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1228, 0.3104, 0.3168



95.1228, 0.3223, 0.3427



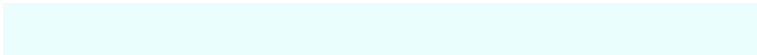
95.1228, 0.2985, 0.3178

# Square

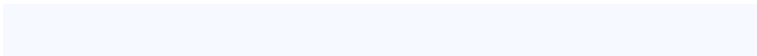
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1228, 0.3223, 0.3427



95.1228, 0.3007, 0.3302



95.1228, 0.3031, 0.3156

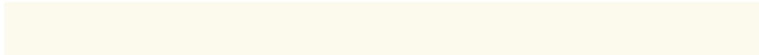


95.1228, 0.3248, 0.3277

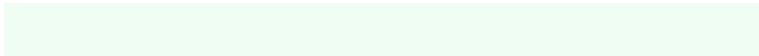


# Rectangle

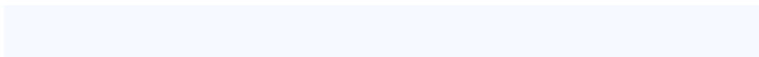
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1228, 0.3223, 0.3427



95.1228, 0.3096, 0.3388



95.1228, 0.3031, 0.3156



95.1228, 0.3157, 0.3195

# Sweetspot

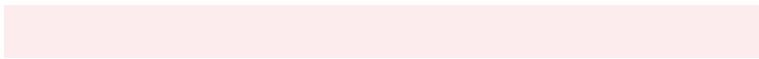
The Sweet Spot groups the original color and five complimentary colors.



95.1269, 0.3223, 0.3427



99.2787, 0.3157, 0.3333



86.8491, 0.3221, 0.3269



21.2573, 0.3155, 0.3331



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

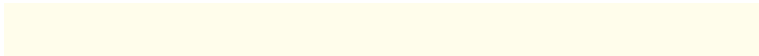


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1269, 0.3223, 0.3427



97.1741, 0.3249, 0.3463



95.2706, 0.3184, 0.3448



19.8072, 0.3272, 0.3496



37.9188, 0.4426, 0.4868



3.6106, 0.4394, 0.4893



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85.9671, 0.3030, 0.3149



85.4370, 0.3003, 0.3110



85.8553, 0.3068, 0.3131



16.9848, 0.2979, 0.3075



4.2767, 0.1525, 0.0689

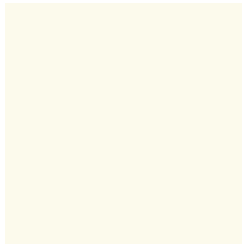


0.5015, 0.1569, 0.0847



# Previews

## White Background



This preview shows how the Yxy color 95.1228, 0.3223, 0.3427 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

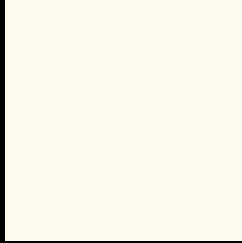
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.1228, 0.3223, 0.3427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

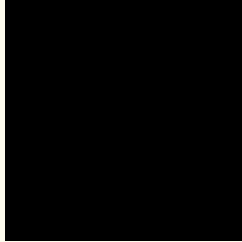
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.1228, 0.3223, 0.3427**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.1228, 0.3223, 0.3427.

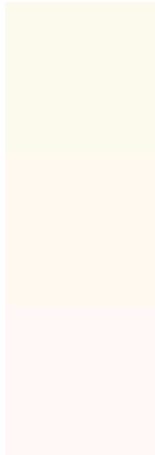


This preview shows how white text looks on a background with the Yxy color 95.1228, 0.3223, 0.3427.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

95.1228, 0.3223, 0.3427

### Protanopia

95.2434, 0.3225, 0.3387

### Deuteranopia

95.1102, 0.3178, 0.3300

## **Tritanopia**

95.0503, 0.3111, 0.3223

# Trichromacy

A vertical color bar on the left side of the Trichromacy section, transitioning from a bright yellow at the top to a pale yellow at the bottom.

## Original Color

95.1228, 0.3223, 0.3427

## Protanomaly

94.9952, 0.3225, 0.3397

## Deuteranomaly

95.2933, 0.3195, 0.3348

## Tritanomaly

95.2241, 0.3152, 0.3300

# Monochromacy

A vertical color bar on the left side of the Monochromacy section, transitioning from a bright yellow at the top to a pale yellow at the bottom.

## Original Color

95.1228, 0.3223, 0.3427

## Achromatopsia

94.7307, 0.3127, 0.3290

## Achromatomaly

94.6070, 0.3163, 0.3339

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.1228, 0.3223, 0.3427 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 250, 236)` looks like.

```
.text, #text, p{  
    color:rgb(252, 250, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 250, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 250, 236) }
```

## Border

The CSS property to change the border of an element to Yxy 95.1228, 0.3223, 0.3427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 250, 236) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 250, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 250, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 250, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 250, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 250,  
236) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.1228, 0.3223, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 250, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
250, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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